# Governor's Advisory Commission on Intermodal Transportation

2017-2026 Draft Ten Year Plan Overview 1:00 pm, August 26, 2015

7<sup>th</sup> Settlement Restaurant Dover, NH



# **Meeting Goals**

- Overview
- Ten Year Plan process
- State of Infrastructure Summary
- Proposed TYP highlights
- TIFIA Pledged Paving & Bridge Work
- Unfunded Needs
- Ten Year Plan Schedule

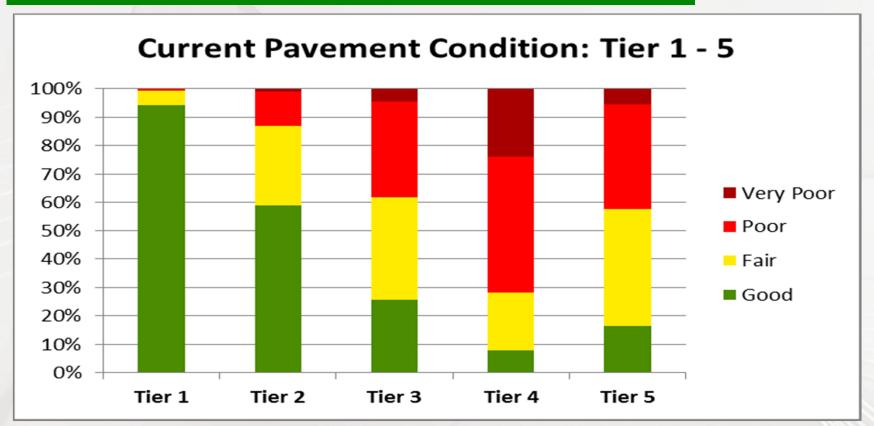


# Ten Year Plan Process

- April 2015 Community outreach and regional prioritization by RPCs
- July 22<sup>nd</sup> GACIT 2017-2026 TYP Kickoff meeting
- August 4<sup>th</sup> thru 18th Meetings with RPCs Executive Directors
- August 26, 2015 NHDOT Draft TYP (2017-2026) Document Release
- September October 2015 16 Public Hearings
- November 2015 GACIT meetings & revisions
- December 2015 Governor's review & revisions
- January 15, 2016 Governor's Draft TYP transmittal to Legislature
- January May 2016 Legislative review & revisions
- June 2016 Final TYP (2017-2026) Adopted into Law



# **Current State of Infrastructure**



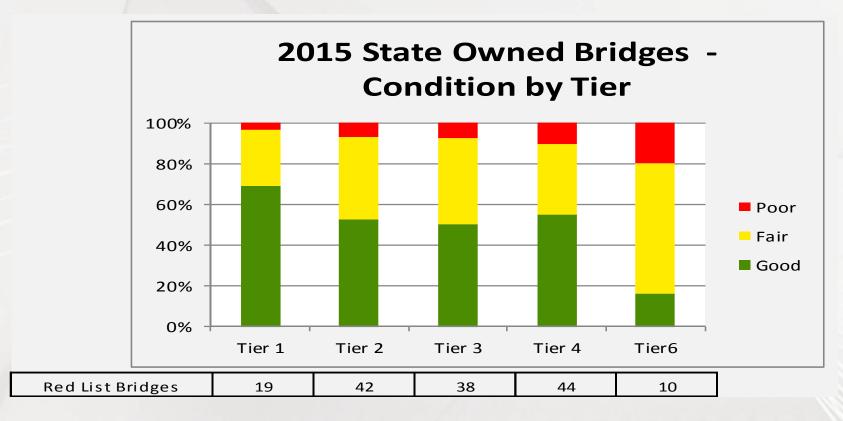
- Tiers 1 & 2 91% of roads are in good or fair condition
- Tiers 3 & 4 49% of roads are in good or fair condition
- Overall, 68% of NH's roads (state & municipal) are good/fair
   Conversely, 32% (1,345 miles) are poor/very poor condition





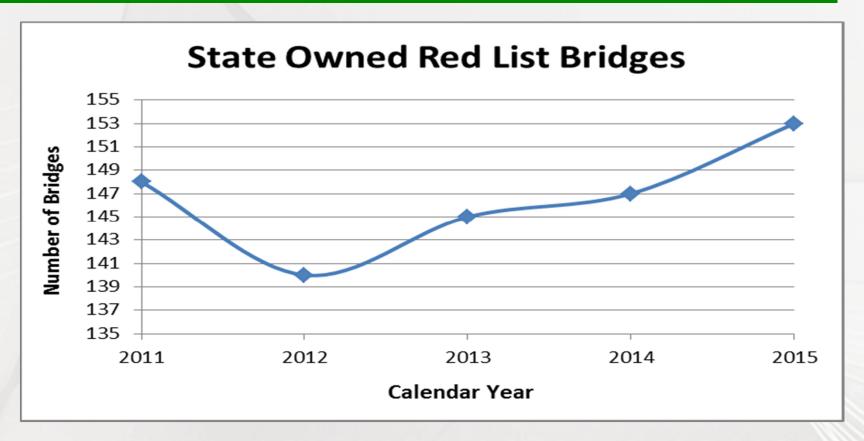
- Overall % of Good & Fair Roads has dropped over last five years (2010 – 2014)
- Level of investment has not kept pace with level of pavement deterioration



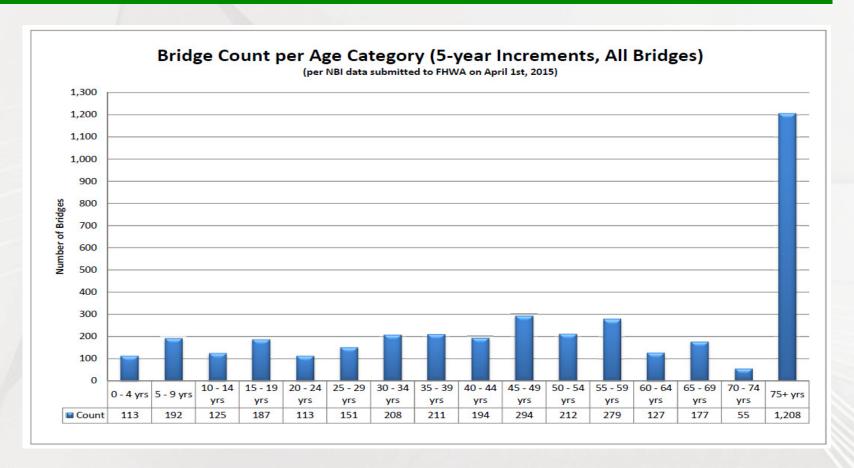


- Presently (2015) 153 State Red-List Bridges
- Tiers 1 & 2 5.3% (61 bridges) in poor condition (red list)
- Tiers 3 & 4 8.7% (82 bridges) in poor condition (red list)
- Additionally 344 Municipal Red-List Bridges (2015)





- The number state owned redlist bridges (poor condition) has trended upward over the last 3 years.
- Over the last 5 years, on average 23 bridges per year added to redlist
   with 21 bridges per year removed from the redlist
   New Hampshire
- Today (2015), 7% of the State's bridge or 153 are in poor condition.



- Of the 3,846 State & Municipal Bridges, 1,208 are 75 years or older
- Major Loaming Liability if we do not invest in bridge maintenance and preservation efforts.

# Approved TYP (2015 – 2024) Funding

# 2015-2024 Ten Year Plan Total Program Dollars by FY - Includes Revenue from SB 367

|                         | Highway and Bridge      |                         |                                  |                                   |                                     |   |          |                                       | Other Modes                          |       |                      | l                    |                 |                          |
|-------------------------|-------------------------|-------------------------|----------------------------------|-----------------------------------|-------------------------------------|---|----------|---------------------------------------|--------------------------------------|-------|----------------------|----------------------|-----------------|--------------------------|
|                         | Highway Funded          |                         |                                  |                                   |                                     |   |          |                                       |                                      |       |                      |                      |                 |                          |
| FY                      | FHWA <sup>1, 4, 5</sup> | Betterment <sup>2</sup> | State Aid<br>Bridge <sup>2</sup> | State Aid<br>Highway <sup>2</sup> | SB367<br>Road<br>Toll <sup>10</sup> | Other<br>Matching<br>Funds <sup>3</sup> | Subtotal | Turnpike<br>Improvements <sup>8</sup> | Turnpike<br>Renewal &<br>Replacement | Rail⁵ | Transit <sup>6</sup> | Airport <sup>7</sup> | TYP FY<br>Total | % of<br>Total<br>Program |
| 2015                    | 171.4                   | 22.0                    | 7.5                              | 2.9                               | 35.5                                | 24.5                                    | 263.9    | 54.8                                  | 7.7                                  | 8.0   | 24.6                 | 25.7                 | 377.5           | 11.0%                    |
| 2016                    | 167.3                   | 22.0                    | 3.5                              | 3.4                               | 31.1                                | 26.4                                    | 253.7    | 37.7                                  | 11.6                                 | 0.4   | 23.9                 | 35.9                 | 363.3           | 10.6%                    |
| 2017                    | 187.7                   | 22.0                    | 7.5                              | 4.3                               | 31.0                                | 24.2                                    | 276.7    | 27.0                                  | 11.5                                 | 0.4   | 23.3                 | 46.3                 | 385.2           | 11.2%                    |
| 2018                    | 186.7                   | 22.0                    | 8.7                              | 2.5                               | 30.9                                | 9.9                                     | 260.7    | 19.1                                  | 13.7                                 | 0.4   | 25.5                 | 42.3                 | 361.6           | 10.5%                    |
| 2019                    | 187.4                   | 22.0                    | 10.8                             | 2.5                               | 30.9                                | 5.9                                     | 259.6    | 30.1                                  | 13.8                                 | 0.4   | 23.8                 | 44.3                 | 372.0           | 10.8%                    |
| 2020                    | 191.6                   | 22.0                    | 13.5                             | 2.5                               | 30.8                                | 1.1                                     | 261.5    | 41.8                                  | 12.0                                 | 0.4   | 23.3                 | 0.0                  | 339.0           | 9.9%                     |
| 2021                    | 189.7                   | 22.0                    | 8.4                              | 2.5                               | 30.7                                | 0.0                                     | 253.4    | 18.9                                  | 12.0                                 | 0.4   | 23.7                 | 0.0                  | 308.4           | 9.0%                     |
| 2022                    | 191.9                   | 22.0                    | 13.1                             | 2.5                               | 30.6                                | 9.0                                     | 269.0    | 22.9                                  | 12.0                                 | 0.4   | 24.1                 | 0.0                  | 328.4           | 9.5%                     |
| 2023                    | 181.3                   | 22.0                    | 8.2                              | 2.5                               | 30.5                                | 0.0                                     | 244.5    | 24.0                                  | 12.0                                 | 0.4   | 22.6                 | 0.0                  | 303.5           | 8.8%                     |
| 2024                    | 179.8                   | 22.0                    | 9.6                              | 2.5                               | 30.4                                | 0.0                                     | 244.4    | 21.0                                  | 12.0                                 | 0.4   | 23.9                 | 0.0                  | 301.7           | 8.8%                     |
| <b>Program Total</b>    | 1,834.7                 | 220.0                   | 90.9                             | 28.4                              | 312.1                               | 101.2                                   | 2,587.3  | 297.3                                 | 118.2                                | 4.4   | 238.6                | 194.6                | 3,440.5         | 100.0%                   |
| % of Total<br>Program   | 53.3%                   | 6.4%                    | 2.6%                             | 0.8%                              | 9.1%                                | 2.9%                                    |          | 8.6%                                  | 3.4%                                 | 0.1%  | 6.9%                 | 5.7%                 | 100.0%          |                          |
|                         | 1,539.6                 | 220.0                   | 110                              | 0.0                               | 312.1                               | 101.2                                   |          | 1                                     |                                      |       |                      |                      |                 |                          |
| Revenue <sup>7, 9</sup> |                         |                         | 2,28                             | 2.9                               |                                     |   |          | 297.3                                 | 118.2                                | 4.4   | 238.6                | 200.0                | 3,141.5         |                          |
|                         | (295.1)                 | 0.0                     | (9.3)                            |                                   | (0.0)                               | 0.0                                     |          |                                       |                                      |       |                      |                      |                 | _                        |
| Surplus/Deficit         |                         |                         | (304                             | 1.4)                              |                                     |   |          | 0.0                                   | 0.0                                  | 0.0   | 0.0                  | 5.4                  | (299.0)         |                          |

- Approved TYP (2015 -2024) contained \$3.44B in programmed projects against estimated revenue of \$3.14B. The Plan was over-programmed by \$300M.
- Primarily the Plan was over-programmed on the federal side (FHWA) using an average of \$183M/year against anticipated revenue of \$154M/year.



# **Approved TYP (2015 – 2024) Status**

- Nearly all projects from the current approved TYP (2015-2024) are being carried forward or have been executed (see Supplemental Information for listing, p. 13)
  - 14 projects were advanced to 2015/2016 and have been executed or will be executed
  - 7 projects have been withdrawn or canceled and are not carried forward
- Status of FY2015 & FY2016 Projects (Construction) in approved TYP (2015-2024) (see Supplemental Information for listing, p. 12)
  - Of the 44 Projects, 29 projects have construction underway or have advertised with the remaining 15 planned to advertise in 2016.



# Proposed draft TYP Highlights

- 1. Focus on Pavement Preservation
  - "Keeping good roads good"
  - Maintenance and Preservation strategies on existing system
- 2. Focus on Red List Bridges & Bridge Preservation
  - Increased funding to address State's Red List Bridge backlog
  - Increased funding for bridge preservation work to extend bridge life
- 3. Dedicated TIFIA pledged funds for rural roads & bridges
  - Funding allocated for paving poor & very poor (1160 miles) Tier 3 & 4 roads
  - Funding allocated for 18 Red List Bridges
- 4. Completion of I-93 & Funding for Exit 4A
- 5. Heightened Financial Constraint
  - Assumed level federal funding
  - Limited over-programming (federal program over-programmed by 6%)
  - Increased level of accountability, predictability & ability to deliver



# **Proposed TYP Funding Synopsis**

### Typical Annual Funding Utilization

#### Federal Funding typically \$155M/yr - \$160M/yr

- Preservation & Maintenance (Roads & Bridges): \$80M \$85M
- Mandated Federal (CMAQ, TA, SPR, HSIP, LTAP, etc): \$24M
- I-93 GARVEE Debt Service: \$16M \$18M

**Annual Dedicated Funding: \$120M - \$125M** 

• Individual Projects (remainder of federal funding): \$35M - \$40M

#### Betterment Funding typically \$22M/yr

Preservation & Maintenance (Roads & Bridges): \$22M

#### Turnpike Funding for Capital & TRR ranges \$30M - \$60M/yr

- TRR- Preservation & Maintenance (Roads & Bridges): \$10M \$12M
- Turnpike Capital Improvements: \$20M \$45M



# **Proposed TYP Funding Synopsis (con't)**

#### SB367 Funding for I-93 Expansion, SAB, Potential TIFIA

- \$30M per year net of Municipal Block Grant Aid
- State Aid Bridge: \$6.8M/year
- I-93 Debt Service: Averages \$2.0M/year (first 8 yrs)
- TIFIA Pledged Paving & Bridge Work: \$12M/year (paving)
   \$8M/year (bridges)

Transit Funding (FTA) averages \$33M/yr Airport Funding (FAA): averages \$26M/yr



# General Financial Constraint Considerations for draft TYP (2017 – 2026)

#### Formula Federal Funds Programmed at average \$170M/year

- CMAQ and HSIP programs are funded at 50% & 75% levels respectively, with balance transferred to 'flexible' categories for other projects/programs to help address pavement and bridge priorities (approx. \$7M/year)
- Other mandated federal programs remain 100% funded (TA, Offsystem bridge, etc.)
- Some existing projects needed to be delayed/cash-flowed to help achieve constraint by year
- Includes approximately \$47M for additional Individual RPC projects in 2025/2026
- Funds \$50M for I-93 Exit 4A (ROW acquisition & Construction beginning in 2022)
- Provides additional \$35M for bridge maintenance & preservation over ten-year period
- Provides additional \$10M for statewide culvert replacements

# General Financial Constraint Considerations for draft TYP (2017 – 2026)

#### Turnpike Capital and R&R Programs

- Turnpike Capital Work averages \$35M/year with two unfunded priority projects starting construction in 2024 & third unfunded priority project starting construction in 2026.
- Turnpike Renewal & Rehabilitation (TRR) program averages \$11M/year for paving, bridge, & other preservation/maintenance work

#### Other Programs

- Betterment funded at traditional levels
- Aeronautics funded at traditional levels
- Transit funding increased due to anticipated increase in FTA grants



# <u>Draft TYP (2017 – 2026) Funding</u>

#### Draft 2017-2026 Ten Year Plan Total Program Dollars by FY

|                       | Highway and Bridge    |                         |                         |                  |                      |                                     |                  |   |           |                                      |                    | Oth               | er Modes             |         |                 |                       |
|-----------------------|-----------------------|-------------------------|-------------------------|------------------|----------------------|-------------------------------------|------------------|---|-----------|--------------------------------------|--------------------|-------------------|----------------------|---------|-----------------|-----------------------|
|                       | Highway Funded        |                         |                         |                  |                      |                                     |                  |   |           |                                      | Non-Highway Funded |                   |                      |         |                 |                       |
|                       |                       |                         |                         |                  | SB367                |                                     |                  |   |           |                                      |                    |                   |                      |         |                 |                       |
| FY                    | FHWA <sup>1,4,5</sup> | TIFIA Financing<br>I-93 | Betterment <sup>2</sup> | SAB <sup>2</sup> | I-93 Debt<br>Service | TIFIA Pledged<br>Paving &<br>Bridge | SAH <sup>z</sup> | Other <sup>3</sup><br>Matching<br>Funds | Sub Total | Turnpike <sup>7</sup><br>Improvement | Turnpike<br>R&R    | Rail <sup>5</sup> | Transit <sup>6</sup> | Airport | TYP FY<br>Total | % of Total<br>Program |
| 2017                  | 176.67                | 53.74                   | 21.10                   | 9.36             | 0.89                 | 15.20                               | 3.89             | 15.86                                   | 296.70    | 29.76                                | 9.85               | 0.60              | 29.72                | 31.32   | 397.95          | 11.1%                 |
| 2018                  | 169.39                | 52.85                   | 21.10                   | 9.05             | 1.44                 | 20.68                               | 2.50             | 8.77                                    | 285.78    | 28.47                                | 11.75              | 0.60              | 29.99                | 29.59   | 386.18          | 10.8%                 |
| 2019                  | 172.52                | 51.12                   | 21.10                   | 8.85             | 2.00                 | 20.49                               | 2.90             | 6.76                                    | 285.74    | 21.70                                | 11.90              | 2.10              | 29.43                | 26.06   | 376.93          | 10.5%                 |
| 2020                  | 174.31                | 15.60                   | 21.47                   | 9.72             | 2.27                 | 20.70                               | 2.86             | 6.66                                    | 253.60    | 31.51                                | 10.40              | 0.60              | 31.55                | 67.60   | 395.26          | 11.0%                 |
| 2021                  | 174.11                | 0.00                    | 21.47                   | 9.26             | 2.26                 | 21.05                               | 2.50             | 1.54                                    | 232.20    | 36.57                                | 10.60              | 0.60              | 31.84                | 18.55   | 330.36          | 9.2%                  |
| 2022                  | 171.14                | 0.00                    | 21.47                   | 10.49            | 2.26                 | 20.14                               | 2.50             | 11.77                                   | 239.78    | 36.10                                | 10.80              | 2.10              | 32.98                | 22.24   | 343.99          | 9.6%                  |
| 2023                  | 175.01                | 0.00                    | 21.47                   | 9.55             | 2.26                 | 19.04                               | 2.50             | 3.96                                    | 233.79    | 28.00                                | 11.00              | 0.60              | 34.16                | 11.80   | 319.35          | 8.9%                  |
| 2024                  | 169.41                | 0.00                    | 21.47                   | 9.93             | 2.27                 | 19.89                               | 2.50             | 3.72                                    | 229.19    | 44.50                                | 11.30              | 0.60              | 35.38                | 21.14   | 342.12          | 9.5%                  |
| 2025                  | 179.86                | 0.00                    | 21.10                   | 9.95             | 21.25                | 0.00                                | 2.50             | 1.12                                    | 235.78    | 35.90                                | 11.50              | 2.10              | 36.65                | 11.83   | 333.76          | 9.3%                  |
| 2026                  | 176.54                | 0.00                    | 21.10                   | 9.79             | 21.25                | 0.00                                | 2.50             | 0.05                                    | 231.22    | 57.50                                | 11.70              | 0.60              | 37.97                | 20.66   | 359.66          | 10.0%                 |
| Program Total         | 1,738.94              | 173.30                  | 212.87                  | 95.96            | 58.16                | 157.19                              | 27.15            | 60.21                                   | 2,523.77  | 350.01                               | 110.80             | 10.50             | 329.67               | 260.80  | 3,585.56        | 100.0%                |
| % of Total<br>Program | 68.9%                 | 6.9%                    | 8.4%                    | 3.8%             | 2.3%                 | 6.2%                                | 1.1%             | 2.4%                                    | 100.0%    |                                      |                    |                   |                      |         |                 |                       |

| Revenue 9       |
|-----------------|
| Surplus/Deficit |

| 16 | 632.14  | 173.30 | 220.00 | 280.54  | 27.15 | 60.21  |        |       |        |        | _       |         |
|----|---------|--------|--------|---------|-------|--------|--------|-------|--------|--------|---------|---------|
|    | 2393.34 |        |        |         |       | 350.01 | 110.80 | 10.50 | 329.67 | 260.80 | 3585.56 |         |
| -1 | 106.80  | 0.00   | 7.13   | -30.76  | 0.00  | 0.00   |        |       |        |        |         |         |
|    |         |        |        | -130.44 |       |        | 0.00   | 0.00  | 0.00   | 0.00   | 0.00    | -130.44 |

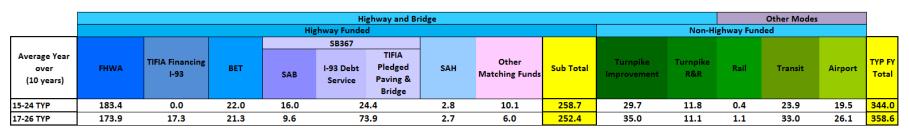
#### FY17-FY26 Estimated Program Expenditures

- Federal Funded (Formula, Earmarks, Other) \$170M to \$180M per year
- Highway Funded (state & federal) \$230M to \$295M per year
- Turnpike Funded Average \$46M per year for TRR & Tpk Capital
- Other Modes Average \$60M per year
- Over-Programmed by \$130M over 10-year period or 3.6%



# **Draft TYP (2017 – 2026) Funding**

# Ten Year Plan Total Program Dollar Comparison



~ Dollars include indirect costs and inflation (3.2%)

Dollars in Millions

Aug-25-15

#### FY17-FY26 Estimated Program Expenditures

- Highway Funded (state & federal) \$230M +/- per year
- Turnpike Funded Averages \$45M per year for TRR & Tpk Capital
- Other Modes Averages \$70M per year



# <u>Draft TYP (2017 – 2026) Funding</u>

#### Draft 2017-2026 Ten Year Plan All Funding

| FISCAL           |          |         | I-93      | MANDATED | INDIVIDUAL |          |       |         |          | DEBT    | GRAND   |
|------------------|----------|---------|-----------|----------|------------|----------|-------|---------|----------|---------|---------|
| YEAR             | PAVEMENT | BRIDGES | EXPANSION | FEDERAL  | PROJECTS   | ROADSIDE | RAIL  | TRANSIT | AIRPORTS | SERVICE | TOTAL   |
| 2017             | 75.34    | 85.81   | 64.21     | 25.85    | 58.46      | 8.49     | 0.60  | 29.26   | 31.32    | 18.62   | 397.95  |
| 2018             | 78.46    | 94.79   | 58.64     | 26.96    | 40.19      | 8.49     | 0.60  | 29.29   | 29.59    | 19.17   | 386.18  |
| 2019             | 73.12    | 99.19   | 54.85     | 26.10    | 38.62      | 8.49     | 2.10  | 28.65   | 26.06    | 19.73   | 376.93  |
| 2020             | 73.03    | 106.90  | 18.60     | 25.48    | 43.81      | 8.49     | 0.60  | 30.75   | 67.60    | 20.00   | 395.26  |
| 2021             | 78.47    | 107.61  | 1.45      | 25.48    | 39.13      | 8.49     | 0.60  | 31.84   | 18.55    | 18.74   | 330.36  |
| 2022             | 75.69    | 81.73   | 5.16      | 26.02    | 70.85      | 8.49     | 2.10  | 32.98   | 22.24    | 18.73   | 343.99  |
| 2023             | 72.83    | 77.63   | 5.91      | 25.48    | 63.76      | 8.49     | 0.60  | 34.16   | 11.80    | 18.71   | 319.35  |
| 2024             | 73.19    | 40.55   | 15.67     | 25.48    | 102.97     | 8.49     | 0.60  | 35.38   | 21.14    | 18.64   | 342.12  |
| 2025             | 70.92    | 48.39   | 10.35     | 25.48    | 81.94      | 8.49     | 2.10  | 36.65   | 11.83    | 37.62   | 333.76  |
| 2026             | 71.57    | 60.43   | 15.00     | 25.48    | 98.21      | 8.49     | 0.60  | 37.97   | 20.66    | 21.25   | 359.66  |
| Total            | 742.61   | 803.02  | 249.84    | 257.82   | 637.95     | 84.85    | 10.50 | 326.95  | 260.80   | 211.22  | 3585.56 |
| % Grand<br>Total | 20.7%    | 22.4%   | 7.0%      | 7.2%     | 17.8%      | 2.4%     | 0.3%  | 9.1%    | 7.3%     | 5.9%    | 100.0%  |

Dollars include indirect costs and inflation (3.2%)

Aug-25-15

#### FY17-FY26 Estimated Program Expenditures

- Pavement (state & federal) averages \$74M per year
- Bridges (state & federal) averages \$80M per year (SLB early impact)
- I-93 Expansion \$250M over ten-year period
- Mandate Federal averages \$26M per year
- Individual Projects- \$640M over ten-year period
- Transit & Airports \$590M over ten-year period
- Total Program \$3.58B



# General Projected Outputs of Draft TYP (2017-2026)

- Pavement Resurfacing 350 mi/year (estimated)
  - Preservation 150 mi/year
  - Rehabilitate 16 mi/year
  - Maintenance 185 mi/year

#### **TIFIA Pledged Pavement Resurfacing**

- Additional 200 mi/year (estimated)
- Maintenance & Roughness Paving on Poor & V. Poor Roads

- State-Owned Bridges
  - Rehabilitate / Replace: 118 bridges (51 Red list Bridges)
  - Bridge Maintenance (38 Red list Bridges over 4-year period)

#### TIFIA Pledged Bridge Work

Rehabilitates / Replaces
 Additional 18 red list bridges



# **TIFIA Program, Status & Impact**

- "Transportation Infrastructure Finance and Innovation Act"
- NHDOT submitted a Letter of Interest to USDOT/FHWA in January 2015
- Awarded Rural Rate of Finance May 2015
- Enables NH to finance \$200M remainder of I-93; pave 40 percent of NH rural roads and fix 18 red list bridges while costing NH \$20M less than financing \$200M for I-93 alone through capital markets
- Financial close anticipated December 2015



# **TIFIA Program, Status & Impact**

|        |               | SB 367                                      |                          |  |  |
|--------|---------------|---|--------------------------|--|--|
| Fiscal | State Aid     | Debt Service & Cost of Issuing Bonds Due on | TIFIA Pledged Paving and |  |  |
| Year   | for Municipal | \$200M TIFIA Financing <sup>2</sup>         |                          |  |  |
|        | Bridges       | for I-93                                    | Bridge Repair            |  |  |
| 2017   | \$6,800,000   | \$888,337                                   | \$14,306,350             |  |  |
| 2018   | \$6,800,000   | \$1,439,465                                 | \$20,816,999             |  |  |
| 2019   | \$6,800,000   | \$2,004,465                                 | \$20,304,342             |  |  |
| 2020   | \$6,800,000   | \$2,267,639                                 | \$19,956,752             |  |  |
| 2021   | \$6,800,000   | \$2,261,401                                 | \$19,878,820             |  |  |
| 2022   | \$6,800,000   | \$2,264,520                                 | \$19,791,774             |  |  |
| 2023   | \$6,800,000   | \$2,264,520                                 | \$19,708,091             |  |  |
| 2024   | \$6,800,000   | \$2,267,639                                 | \$19,621,531             |  |  |
| 2025   | \$6,800,000   | \$21,250,275                                | _                        |  |  |
| 2026   | \$6,800,000   | \$21,250,275                                | -                        |  |  |



# **Unfunded Needs**

#### Turnpike Capital Program

- 325M in Unfunded Turnpike Capital Improvement Priorities Identified in approved TYP (2015-2024)
- \$125M in Construction Funding for three unfunded priorities proposed in 2024-2026
- \$210M in Unfunded Capital Improvement Priorities remains Unfunded
- \$2.5M annual program for Type II Noise Wall Program is needed & not funded

#### Red List Bridge Backlog

- Currently 153 state red list bridges
- Based on Proposed Investment Level Estimated to address 118 Bridges
- However, 1208 State-Owned Bridges are 75+ years old
- Over last 5 years, 23 red list bridges added each year (21 removed each year)

#### Municipal Red List Bridge Backlog

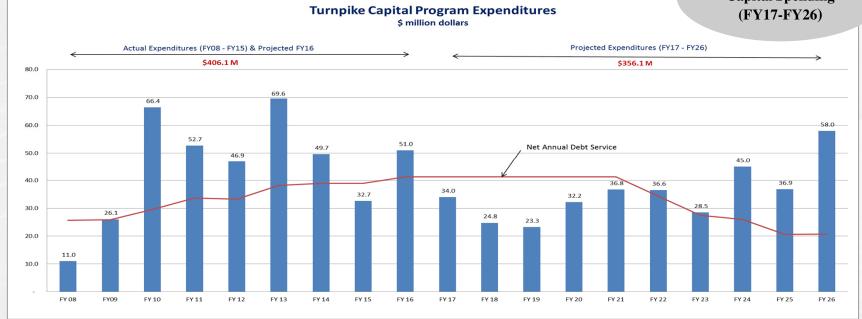
- Currently 344 municipal red list bridges
- Based on Currently Proposed SAB Investment Level Estimated to address
   90 Bridges



## **Turnpike System Capital Program**

#### **Under Current Toll Structure**

\$356M Projected Capital Spending (FY17-FY26)



#### TIMETABLE FOR MAJOR TURNPIKE PROJECTS' CONSTRUCTION

Construction Dover End & GSB Rehabilitation (\$85M):
2017 - 2021

Construction of FEET Widening, Merrimack-Bedford (\$70M): 2022 - 2024

Manchester Exit 6 Improvements & FEET Widening (\$75M): 2024 - 2027

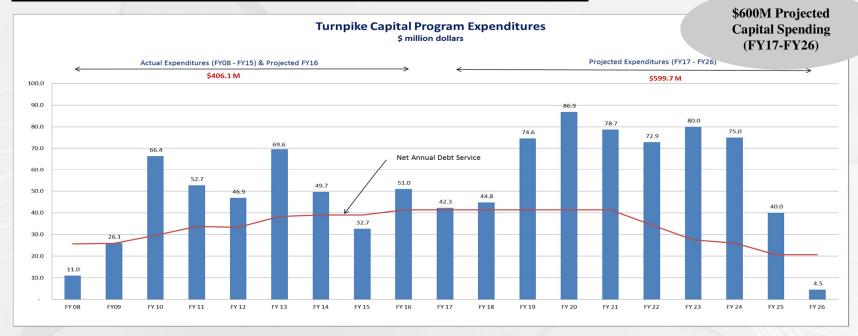
Manchester Exit 7 Reconstruction (\$54M):
2026 - 2028

➤ Bow-Concord: I-93 Widening (I-89 to I-393) (\$190M): 2027 - 2032



## **Turnpike System Capital Program**

#### **Under New Toll Structure (28% Toll Increase)**



#### TIMETABLE FOR MAJOR TURNPIKE PROJECTS' CONSTRUCTION

- Construction Dover End & GSB Rehabilitation (\$85M):
- > Construction of FEET Widening, Merrimack-Bedford (\$70M): 2019 2021
- ➤ Manchester Exit 6 Improvements & FEET Widening (\$75M): 2021 2024
- Manchester Exit 7 Reconstruction (\$54M):
  2022 2024
- ➢ Bow-Concord: I-93 Widening (I-89 to I-393) (\$190M):
  2020 − 2025
- > \$2.5M Annual Funding for Type II Soundwall Program



## **Turnpike System Capital Program**

#### **Under New Toll Structure (28% Toll Increase)**

➤ Hooksett ML & Bedford ML Plazas: 50 cent increase (\$1.00 toll to \$1.50 toll)

➤ Hampton ML Plaza: 50 cent increase (\$2.00 toll to \$2.50 toll)

➤ Hampton Side Plaza: 25 cent increase (\$0.75 toll to \$1.00 toll)

➤ Dover & Rochester ML Plazas: 25 cent increase (\$0.75 toll to \$1.00 toll)

➤ Hooksett Ramp Plaza: 25 cent increase (\$0.50 toll to \$0.75 toll)

> \$35M additional annual toll revenue per year

#### > No Additional Bonding Proposed

Toll Increase is paid by users of the system

- Users directly benefit from the capital investment
- \$15.9M/Year or 45% of additional revenue is from out-of-state travelers



# <u>Unfunded Needs (con't)</u>

#### Bridge Investment

- Additional investment of \$12M/year needed over 10-year period for Tier 1 & 2 bridge preservation needs
- Additional investment of \$21M/year needed to address additional 10 red list bridges per year (bridges that are anticipated to be added to red list but not addressed during this TYP period)
- Additional investment of \$22.5M/year to SAB Program Estimated to address 250 municipal bridges over 10-year period

#### Pavement Investment

- Additional investment of \$11.5M/year needed over 10-year period to rehabilitate poor and very poor Tier 2, 3 & 4 roads
- Additional investment of \$3M/year needed over 10-year period, effectively doubling the maintenance pave program, to maintain pavement condition of poor and very poor roads in fair condition



# **Upcoming TYP Meetings**

- Ten Year Plan Public Hearings begin Sept 15th thru Oct 26th
- 16 Public Hearings are planned
- Council District 1: Lebanon, Berlin, Charlestown (co-hosted), Conway, Wakefield, Plymouth, Laconia
- Council District 2: Rochester, Keene (co-hosted), Charlestown (co-hosted), Concord (co-hosted)
- Council District 3: Hampton, Kingston, Londonderry (co-hosted)
- Council District 4: Bedford (co-hosted), Manchester, Londonderry (co-hosted)
- Council District 5: Keene (co-hosted), Bedford (co-hosted), Merrimack



# THANK YOU QUESTIONS & COMMENTS

